

FCC Test Report

ANNEX 2 GSM&WCDMA

FCC ID:2A6DV-HPAD

Applicant: CHINA HAINERGY NEW ENERGY CORP., LTD

Address: Unit 1908, 19/F., Harbour Centre, 25 Harbour Road, Wan Chai, Hong Kong, China.

Manufacturer: CHINA HAINERGY NEW ENERGY CORP., LTD

Address: Unit 1908, 19/F., Harbour Centre, 25 Harbour Road, Wan Chai, Hong Kong, China.

EUT: Tablet

Trade Mark: Haitech

Model Number: HPAD-M2

Date of Receipt: Apr. 13, 2022

Test Date: Apr. 13, 2022 – Apr. 22, 2022

Date of Report: Apr. 22, 2022

Prepared By: Shenzhen DL Testing Technology Co., Ltd.

Address: 101-201, Building C, Shuanghuan, No.8, Baoqing Road, Baolong Industrial Zone, Baolong Street, Longgang District, Shenzhen, Guangdong, China

Applicable Standards: FCC CFR Title 47 Part22 Subpart H
FCC CFR Title 47 Part24 Subpart E
FCC CFR Title 47 Part27
ANSI/TIA-603-E-2016
FCC KDB 971168 D01 Power Meas. License Digital Systems v03v01
ANSI C63.26:2015

Test Result: Pass

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1. EMISSION TEST RESULTS

1.1. -26dB and 99% Occupied Bandwidth

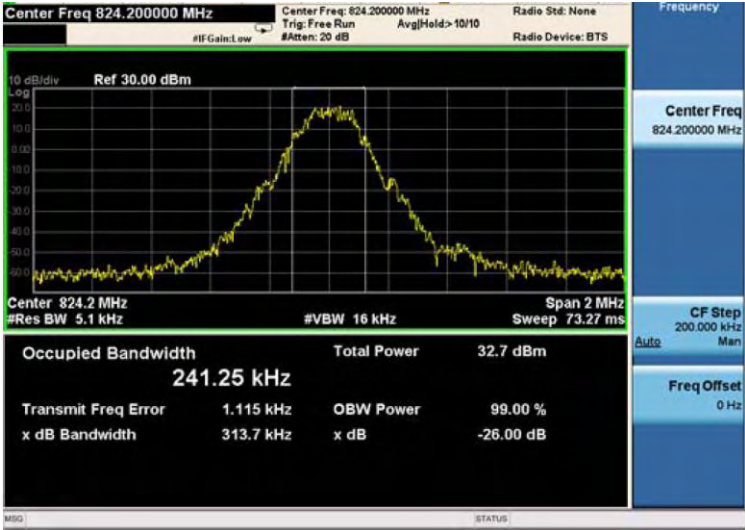
1.1.1. Test Result

EUT Mode	Channel	Frequency (MHz)	99% Occupy bandwidth (KHz)	-26dB bandwidth (KHz)
GSM 850	128	824.20	241.25	313.70
	190	836.60	247.09	304.50
	251	848.80	250.09	314.30
GSM 850 (EGPRS)	128	824.20	250.46	311.30
	190	836.60	250.11	307.60
	251	848.80	247.08	310.60
GSM 1900	512	1850.20	252.56	312.60
	661	1880.00	247.72	312.80
	810	1909.80	239.11	315.90
GSM 1900 (EGPRS)	512	1850.20	247.10	305.10
	661	1880.00	245.68	302.20
	810	1909.80	243.33	299.10
WCDMA Band 2 (RMC 12.2Kbps link)	9262	1852.4	4201.60	4781.00
	9400	1880.0	4178.90	4748.00
	9538	1907.6	4196.70	4785.00
WCDMA Band 5 (RMC 12.2Kbps link)	9262	1852.4	4176.20	4741.00
	9400	1880.0	4162.40	4715.00
	9538	1907.6	4175.80	4723.00

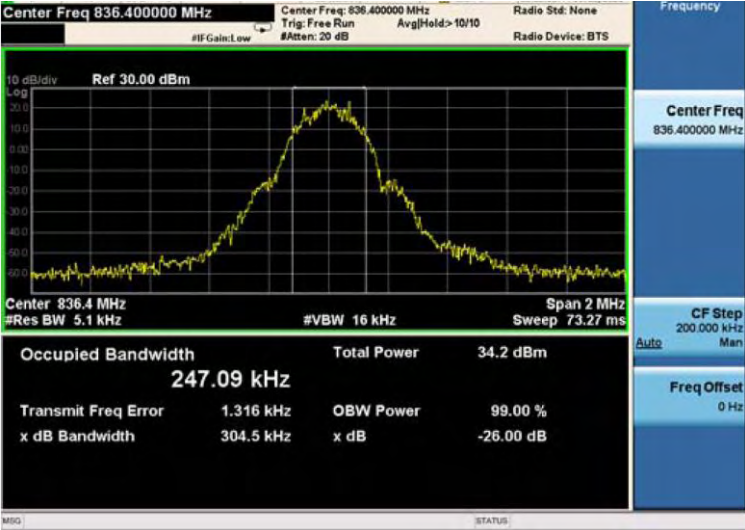
Note: Measurement Uncertainty: $\pm 20\text{Hz}$.

Test plot as follows:

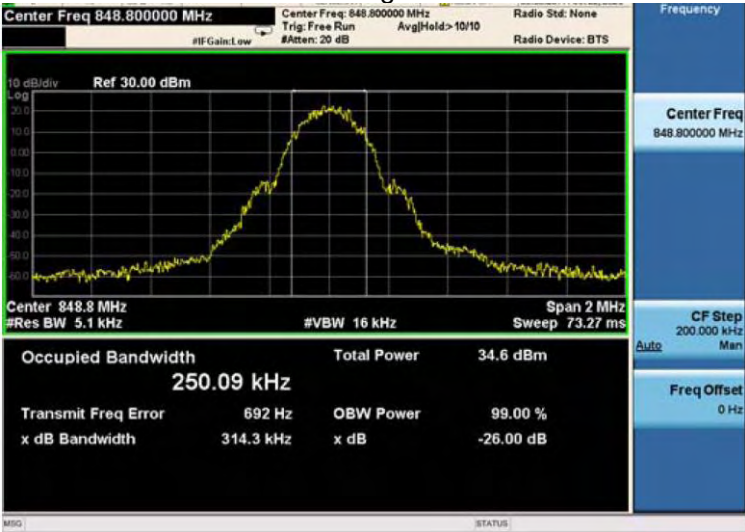
GSM 850MHz Lowest channel



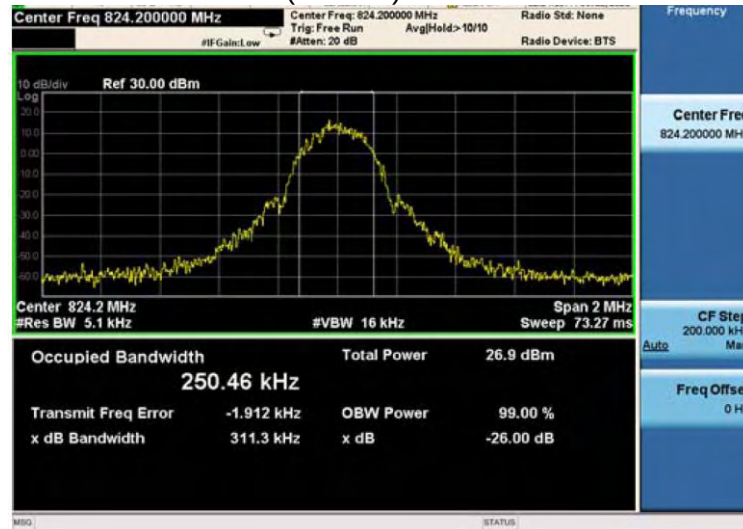
GSM 850MHz Middle channel



GSM 850MHz Highest channel:



GSM 850 (EGPRS) Lowest channel



GSM 850 (EGPRS) Middle channel



GSM 850 (EGPRS) Highest channel



GSM 1900 Lowest channel



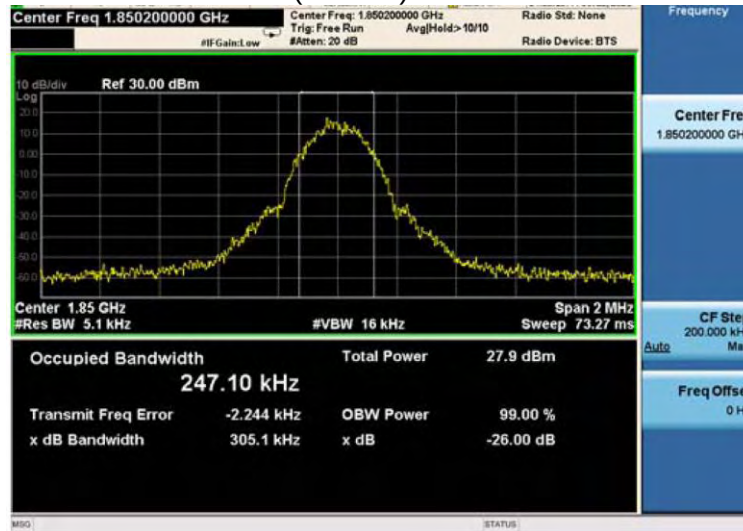
GSM 1900 Middle channel



GSM 1900 Highest channel



GSM 1900 (EGPRS) Lowest channel



GSM 1900 (EGPRS) Middle channel



GSM 1900 (EGPRS) Highest channel



WCDMA Band 2 (RMC 12.2Kbps link) Lowest channel



WCDMA Band 2 (RMC 12.2Kbps link) Middle channel



WCDMA Band 2 (RMC 12.2Kbps link) Highest channel



WCDMA Band 5 (RMC 12.2Kbps link) Lowest channel



WCDMA Band 5 (RMC 12.2Kbps link) Middle channel



WCDMA Band 5 (RMC 12.2Kbps link) Highest channel

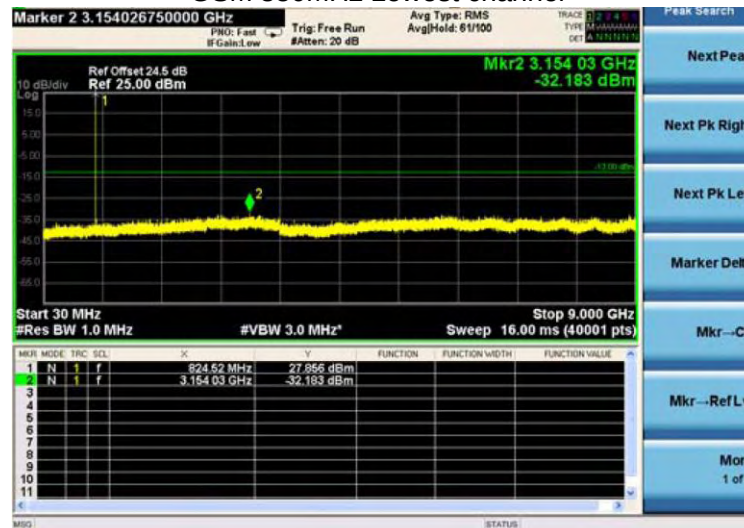


1.2. Conducted Spurious Emissions

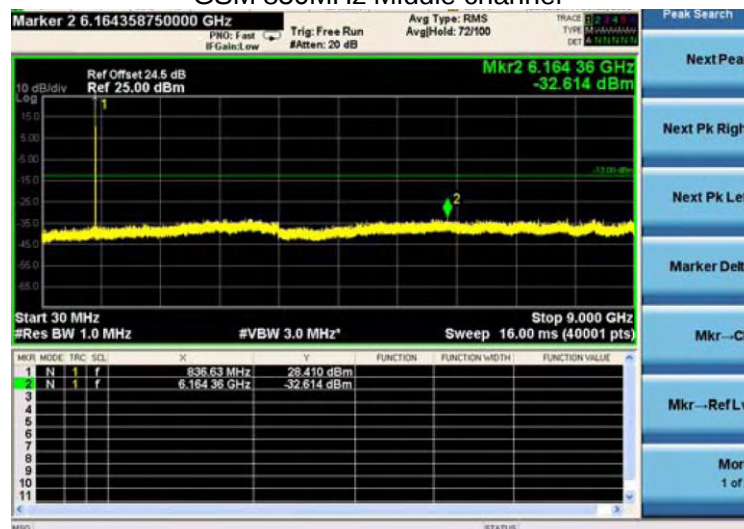
1.2.1. Test Result

The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency. The lowest, middle and highest channels are tested to verify the out of band emissions.

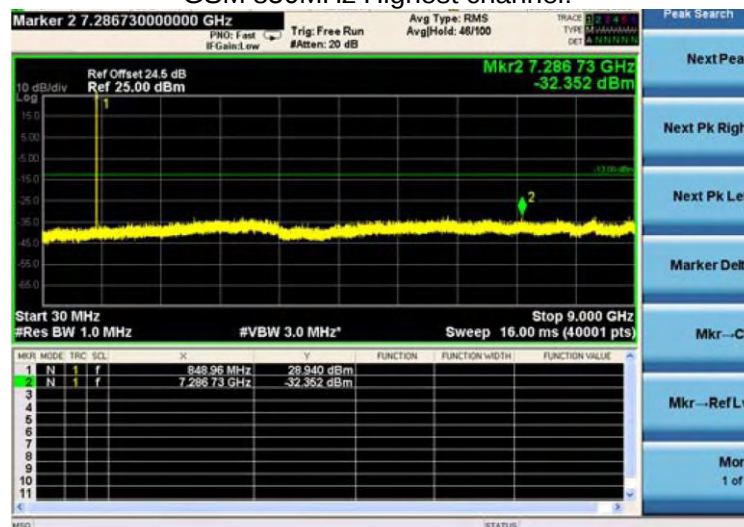
GSM 850MHz Lowest channel



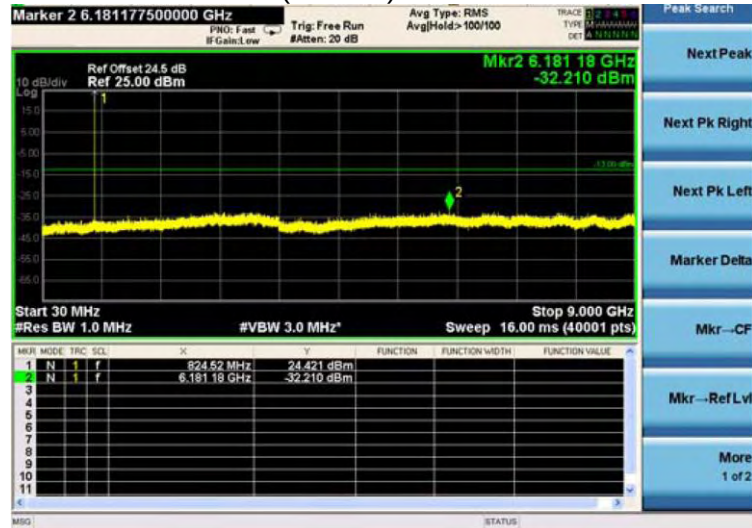
GSM 850MHz Middle channel



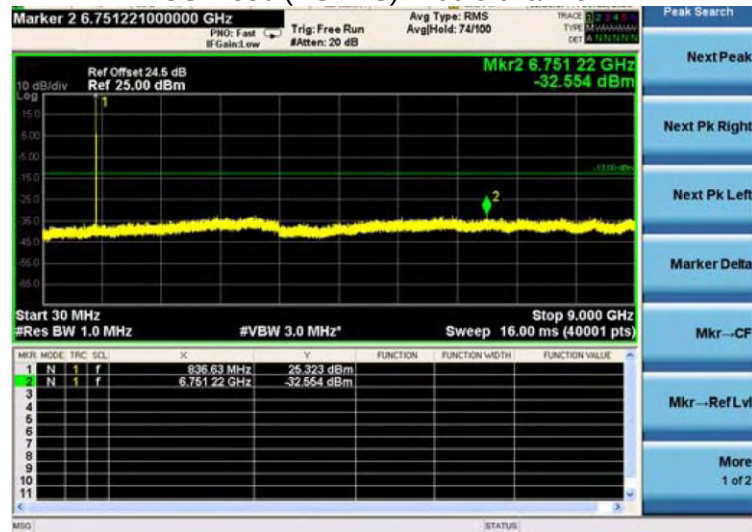
GSM 850MHz Highest channel:



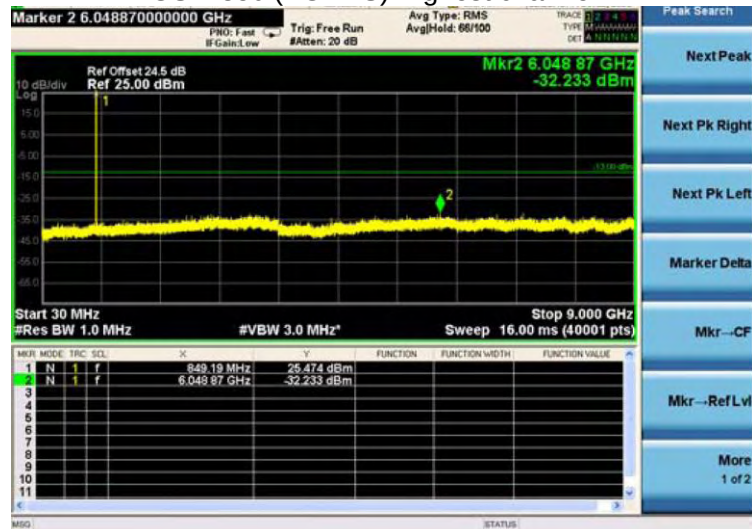
GSM 850 (EGPRS) Lowest channel



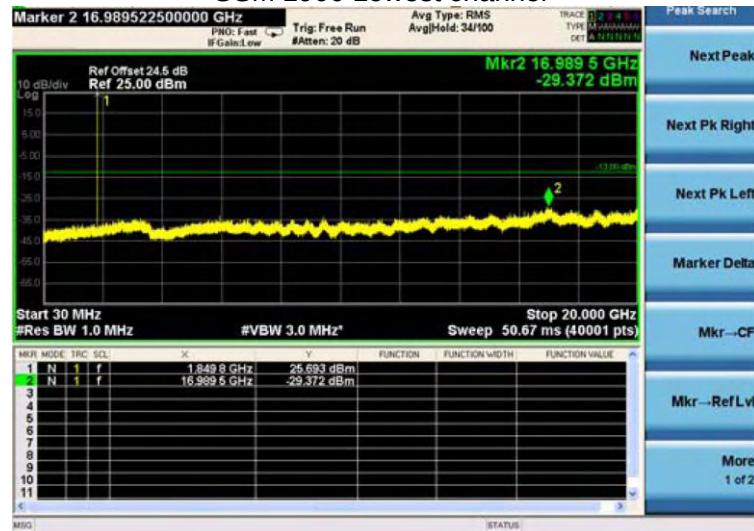
GSM 850 (EGPRS) Middle channel



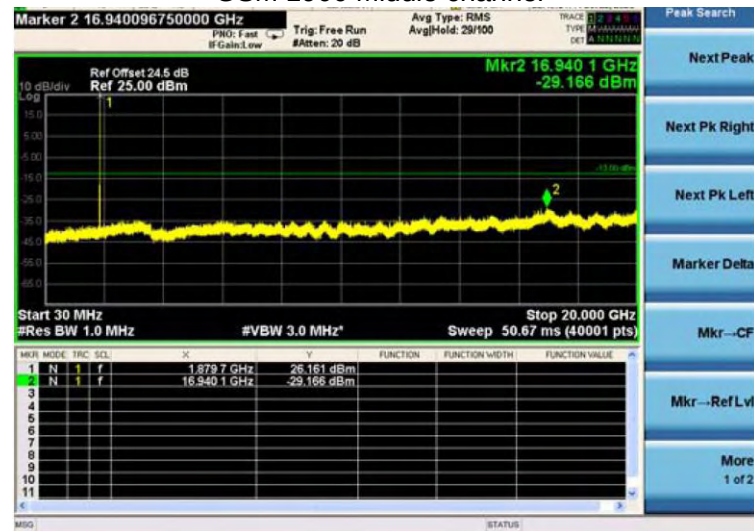
GSM 850 (EGPRS) Highest channel:



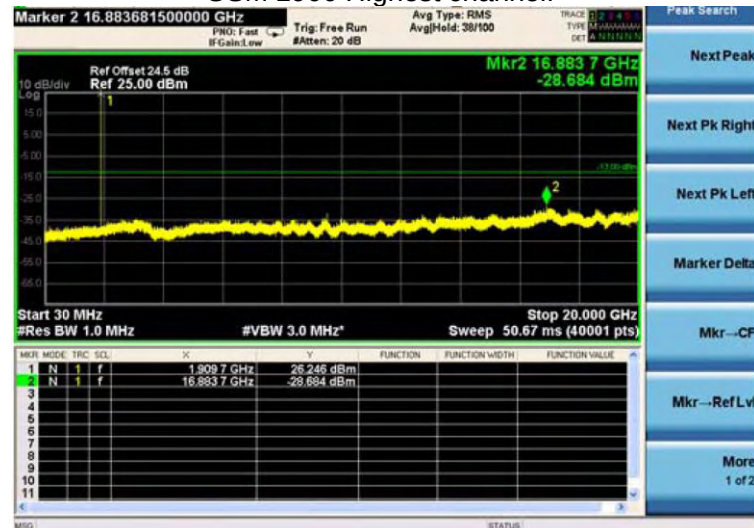
GSM 1900 Lowest channel



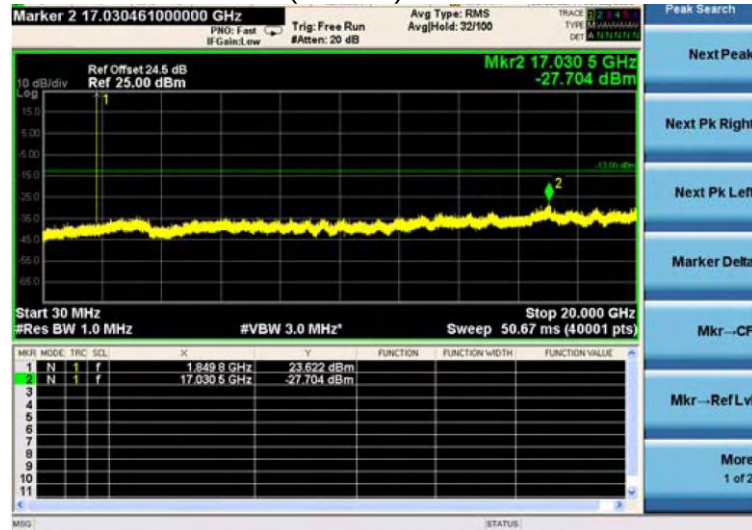
GSM 1900 Middle channel



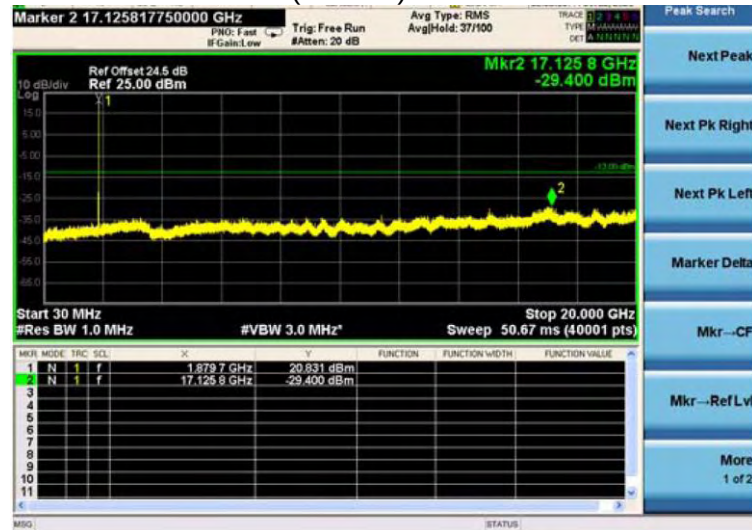
GSM 1900 Highest channel:



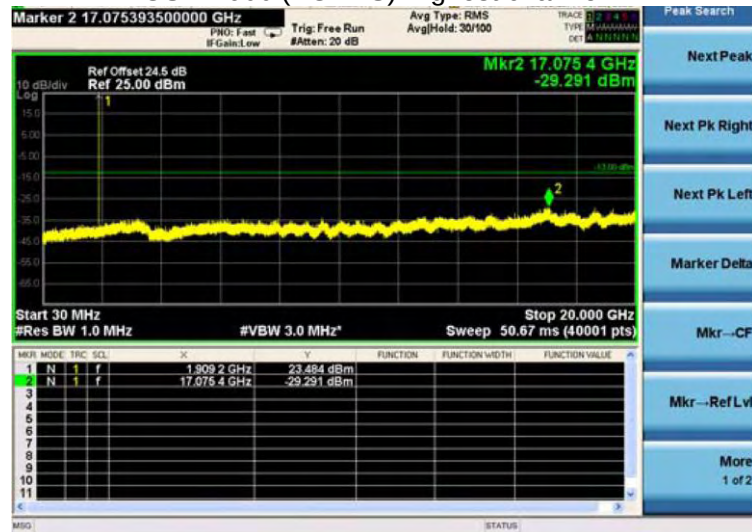
GSM 1900 (EGPRS) Lowest channel



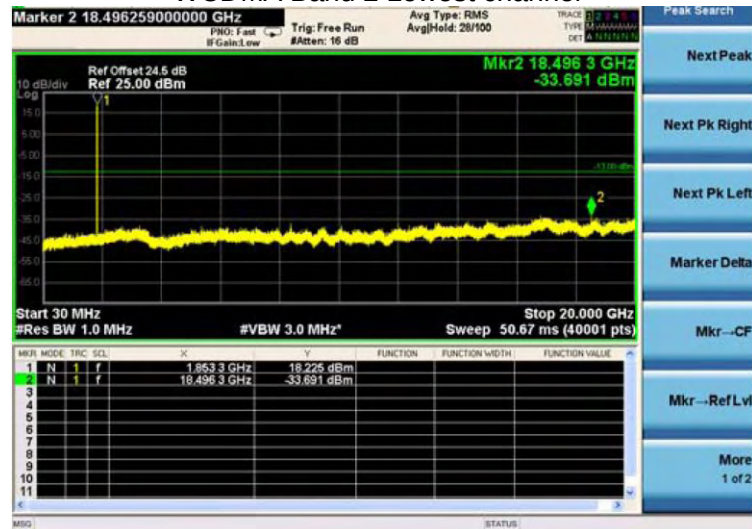
GSM 1900 (EGPRS) Middle channel



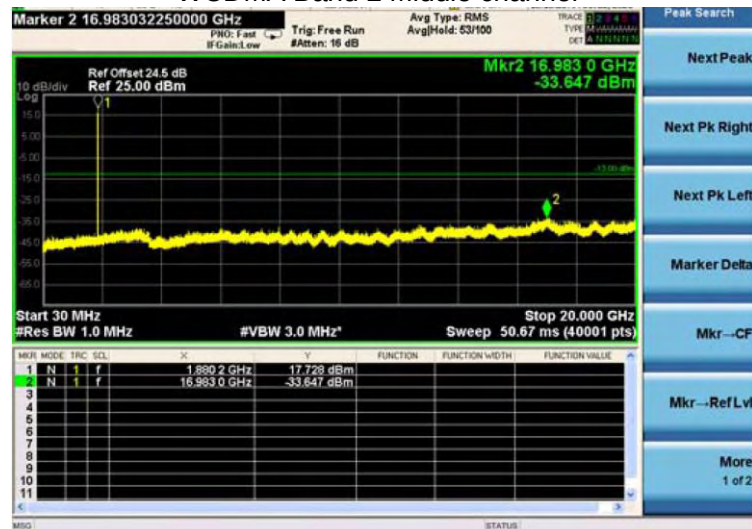
GSM 1900 (EGPRS) Highest channel:



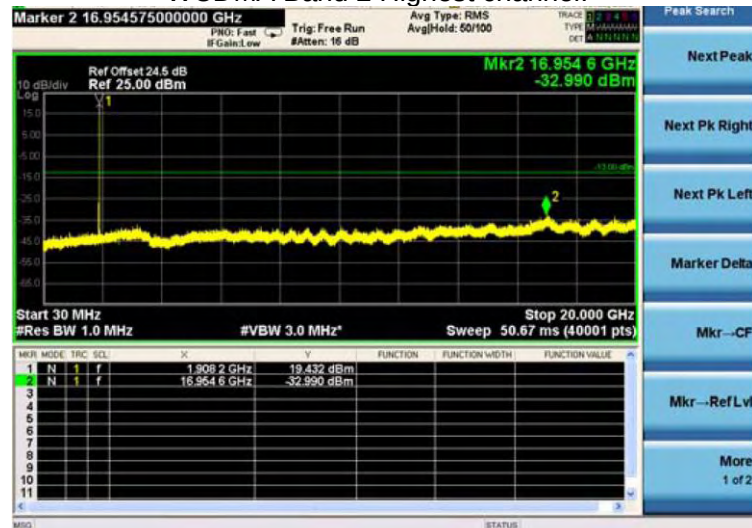
WCDMA Band 2 Lowest channel



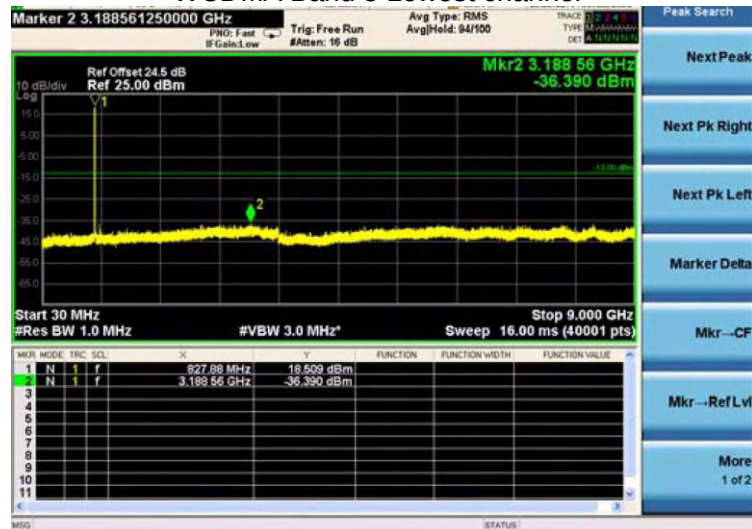
WCDMA Band 2 Middle channel



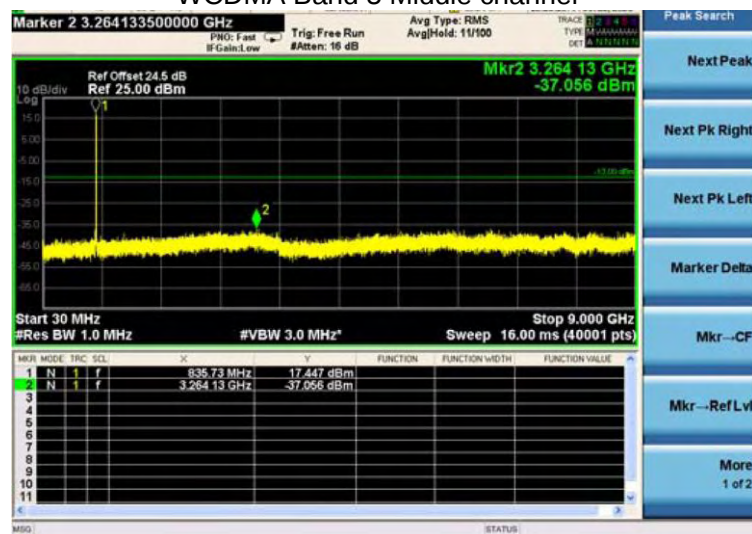
WCDMA Band 2 Highest channel:



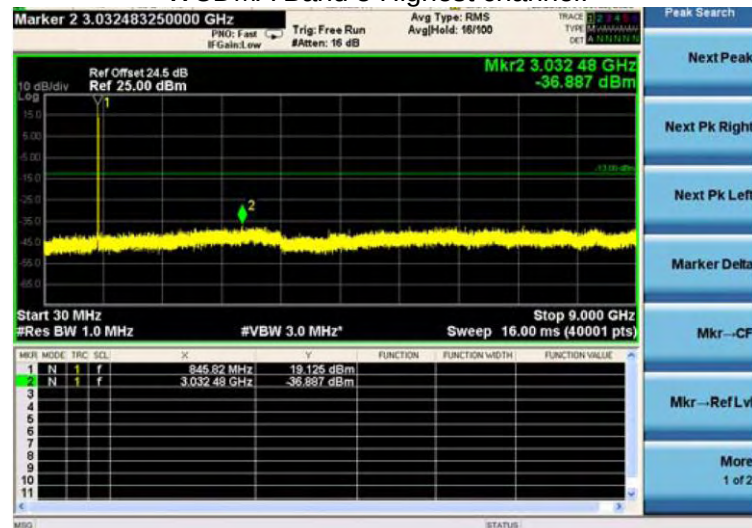
WCDMA Band 5 Lowest channel



WCDMA Band 5 Middle channel

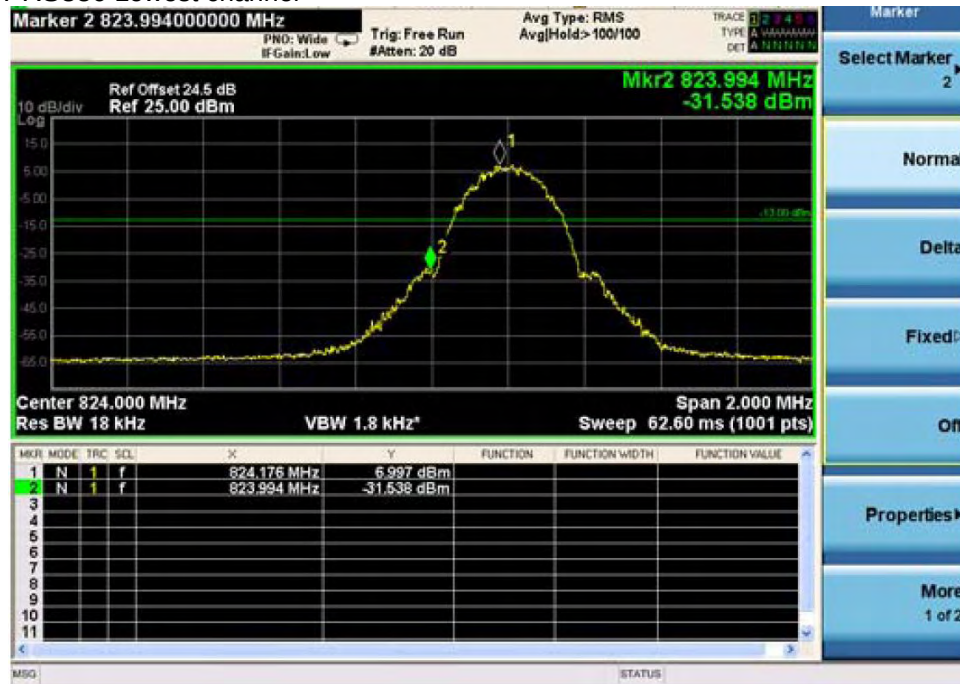


WCDMA Band 5 Highest channel:

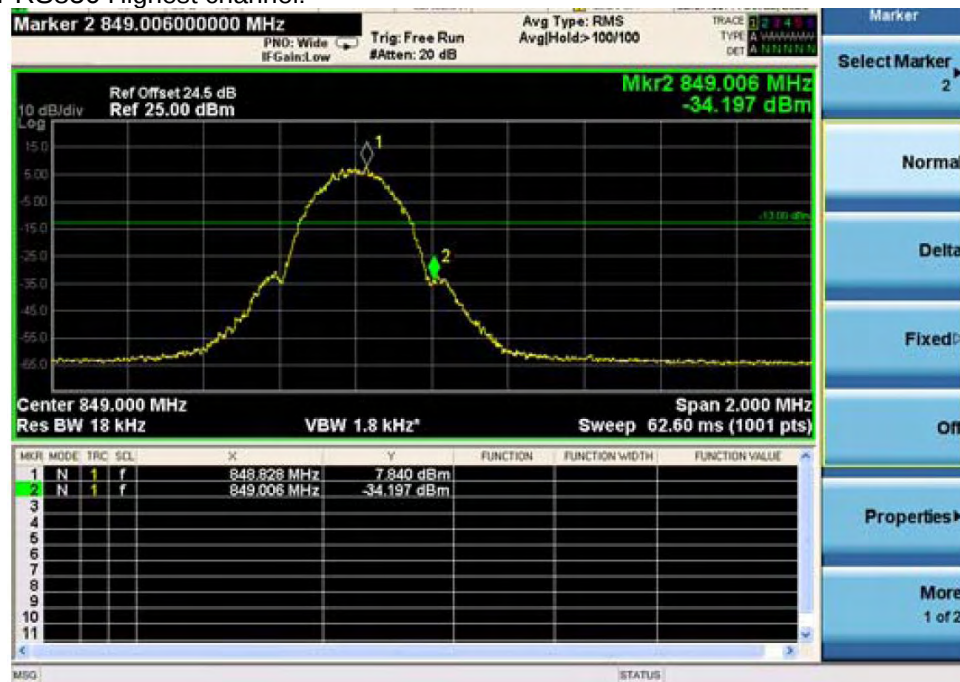




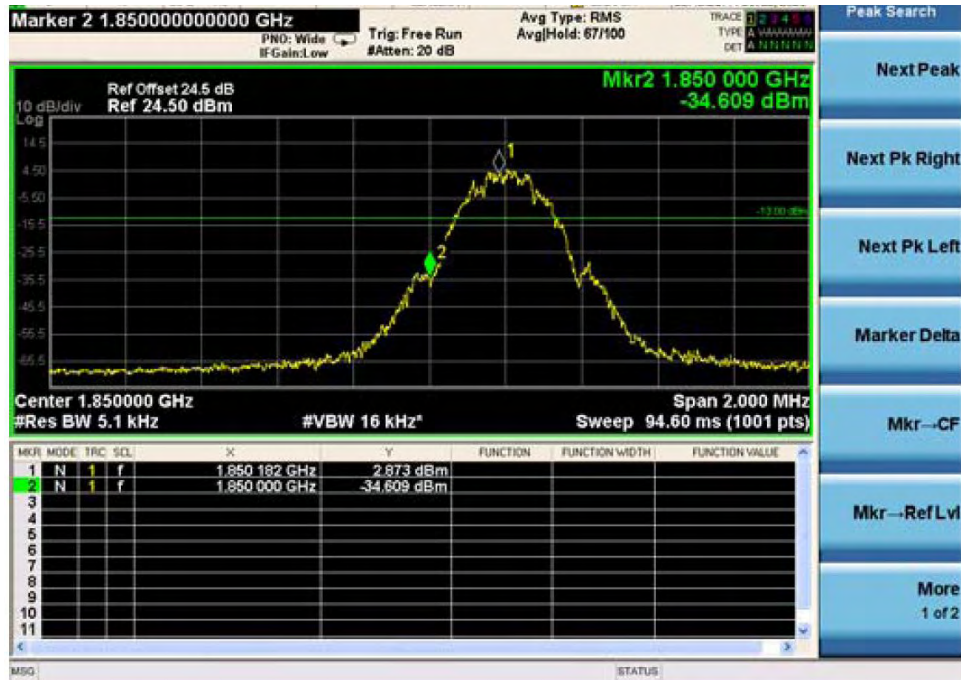
EGPRS850 Lowest channel



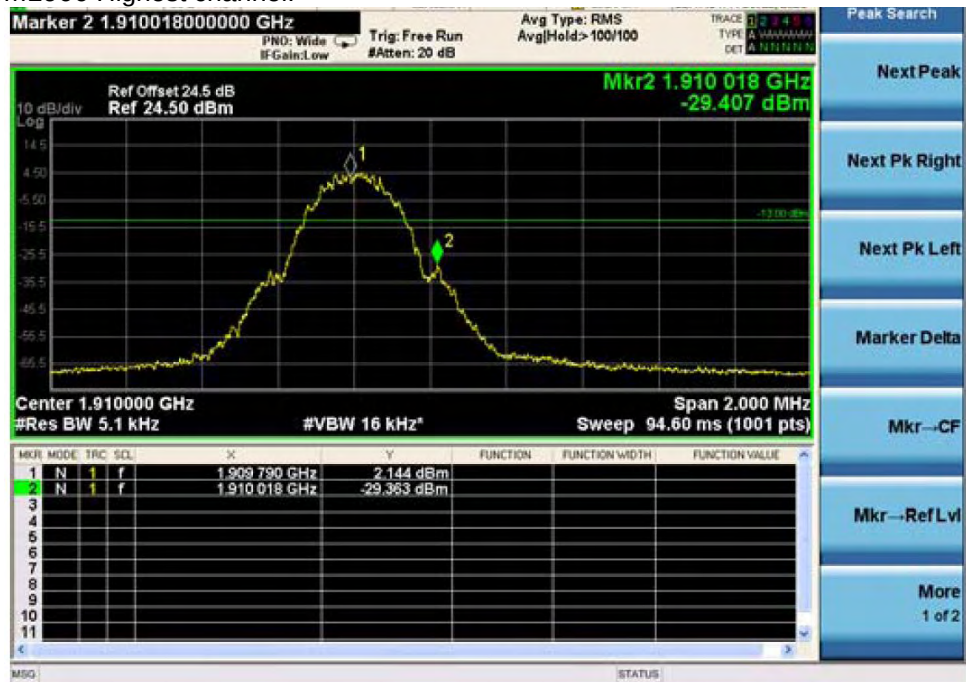
EGPRS850 Highest channel:



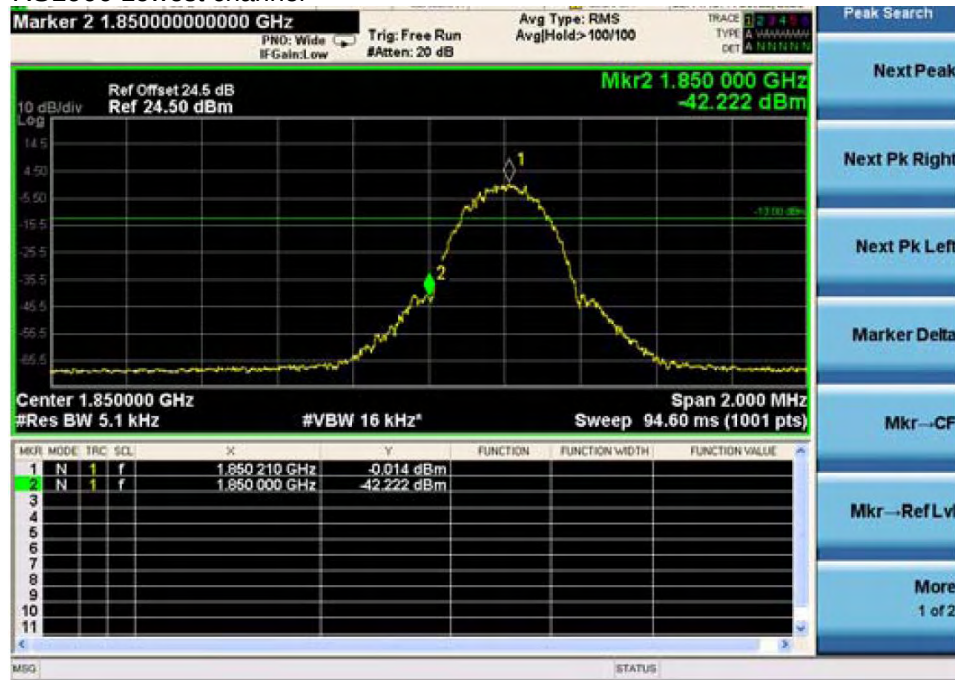
GSM1900 Lowest channel



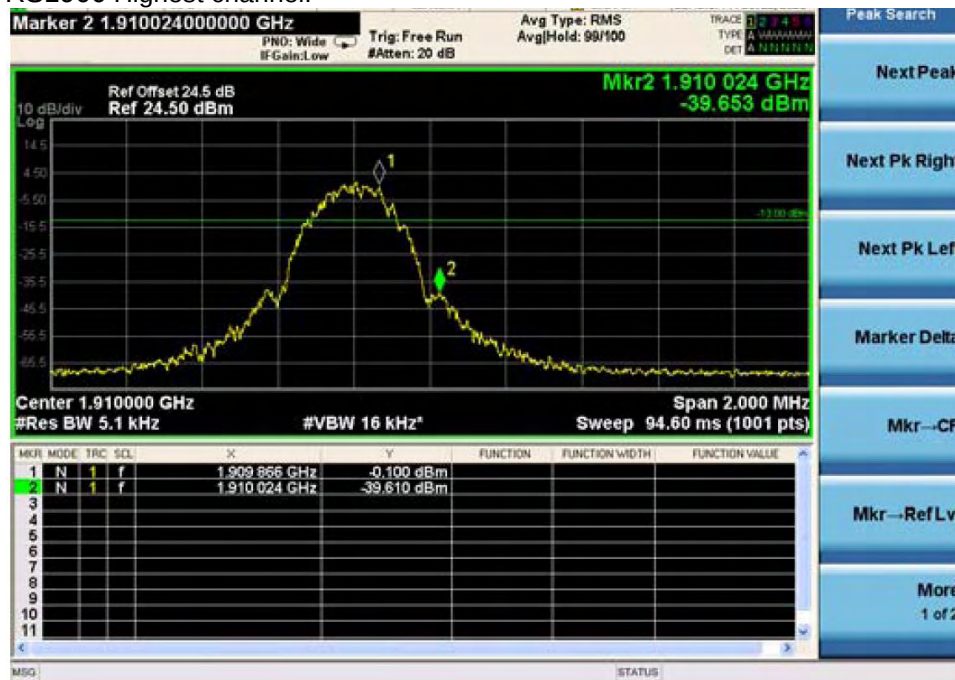
GSM1900 Highest channel:



EGPRS1900 Lowest channel



EGPRS1900 Highest channel:



WCDMA Band 2 RMC Lowest channel



WCDMA Band 2 RMC Highest channel:



WCDMA Band 5 RMC Lowest channel



WCDMA Band 5 RMC Highest channel:



***** END *****